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ABSTRACT OF THE DISCLOSURE

1        A non-woven web such as a facer comprises recycled cellulose fiber; recycled  
2        glass fiber, and, a sizing agent which provides the mat with decreased liquid  
3        penetrability over time. An example suitable sizing agent is alkenyl succinic anhydride  
4        (ASA) which has a dry basis add-on rate of from about 0.15% to about 0.4%, and  
5        preferably a dry basis add-on rate of from about 0.2% to about 0.3%. The sizing agent  
6        provides the mat with decreased liquid penetrability four weeks after mat production.  
7        In one aspect of the invention, the mats/facers can be employed as a facer for a rigid  
8        cellular foam board.

1        2        3        4        5        6        7        8        9